



**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

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SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
07/846,597	03/05/92	FULLERTON	L FULLERTON.7

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HUNTSVILLE, AL. 35816-3030

22M2/0112

EXAMINER	
GREGORY, B	
ART UNIT	PAPER NUMBER
	16

DATE MAILED: 01/12/94

This is a communication from the examiner in charge of your application.

COMMISSIONER OF PATENTS AND TRADEMARKS

1. ☒ The communication filed 18 OCT 1993 is informal/non-responsive for the reason(s) checked below and should be corrected. APPLICANT IS GIVEN ONE MONTH FROM THE DATE OF THIS LETTER OR UNTIL THE EXPIRATION OF THE PERIOD FOR RESPONSE SET IN THE LAST OFFICE ACTION (WHICHEVER IS LONGER) WITHIN WHICH TO CORRECT THE INFORMALITY.

- a. ☐ The amendment to claim(s) \_\_\_\_\_, filed \_\_\_\_\_, fails to comply with the provisions of 37 C.F.R. 1.121 and is accordingly held to be non-responsive. A supplemental paper correcting the informal portions and complying with the rule is required.
- b. ☐ The paper is unsigned. A duplicate paper or ratification, properly signed, is required.
- c. ☐ The paper is signed by \_\_\_\_\_, who is not of record. A ratification or a new power of attorney with a ratification, or a duplicate paper signed by a person of record, is required.
- d. ☐ The communication is presented on paper which will not provide a permanent copy. A permanent copy, or a request that a permanent copy be made by the Office at applicant's expense, is required, see M.P.E.P. 714.07.

e. ☒ Other Please see attached sheet.

2. ☐ In accordance with applicant's request, THE PERIOD FOR RESPONSE FROM THE OFFICE ACTION DATED \_\_\_\_\_ IS EXTENDED TO RUN \_\_\_\_\_ MONTH(S).

No further extension will be granted unless approved by the Commissioner. 37 C.F.R. 1.136 (b)

3. ☐ Receipt is acknowledged of papers submitted under 35 U.S.C. 119 which papers have been made of record in the file.

4. ☐ Other

*Bernarr E. Gregory*  
**BERNARR E. GREGORY  
PRIMARY EXAMINER  
GROUP 2200**

**ATTACHMENT TO FORM PTOL-327:**

Part 1e. (continued): Applicant has stated on page two of his Amendment E of 18 October 1993 that they did not find that they "filed an amendment that could have been received in the PTO on May 17, 1993, or any other amendment of the cross reference"; however, an amendment was received at the PTO on May 17, 1993 that is labelled "**SUPPLEMENTAL AMENDMENT**" and that has a certificate of mailing dated May 14, 1993 (signed by Ms. Linda M. Lee). The May 17, 1993 amendment only amends the cross-reference to related applications. Applicants must fully correct the Cross-Reference of Related Applications on page one of the Specification. In addition, the Abstract filed with Amendment E of 18 October 1993 is not adequately descriptive.

Applicant is reminded of the proper content of an Abstract of the Disclosure.

A patent abstract is a concise statement of the technical disclosure of the patent and should include that which is new in the art to which the invention pertains.

If the patent is of a basic nature, the entire technical disclosure may be new in the art, and the abstract should be directed to the entire disclosure.

If the patent is in the nature of an improvement in an old apparatus, process, product, or composition, the abstract should include the technical disclosure of the improvement.

In certain patents, particularly those for compounds and compositions, wherein the process for making and/or the use thereof

are not obvious, the abstract should set forth a process for making and/or use thereof.

If the new technical disclosure involves modifications or alternatives, the abstract should mention by way of example the preferred modification or alternative.

The abstract should not refer to purported merits or speculative applications of the invention and should not compare the invention with the prior art.

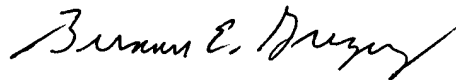
Where applicable, the abstract should include the following: (1) if a machine or apparatus, its organization and operation; (2) if an article, its method of making; (3) if a chemical compound, its identity and use; (4) if a mixture, its ingredients; (5) if a process, the steps. Extensive mechanical and design details of apparatus should not be given.

Applicant is reminded of the proper language and format of an Abstract of the Disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet **within the range of 50 to 250 words**. It is important that the abstract not exceed 250 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said", should be avoided. **The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.**

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Bernarr Gregory whose telephone number is (703)-308-0479, and whose WITS/FTS number is 678-0479. Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703)-308-0766. **The Group 220 FAX number is (703)-305-3603.** Any inquiry regarding drawing informalities on the form PTO-948 must be directed to the PTO Draftsman at (703)-305-8404.



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